

From: [Moore, Gary](#)
To: [Warr \(Kettler\), Kristie](#)
Cc: [c.shappee@westonsolutions.com](#); [Latham, Benjamin](#); [t.a.walzer@westonsolutions.com](#)
Subject: RE: Tank Cars
Date: Wednesday, August 06, 2014 7:40:37 PM

Kristie:

I told Beth that we are now thinking that this tank is an oily water tank. We will not know that until we take a look at the sample. If it is oily water then it is my understanding that we may not need the TCLP analysis because the totals will be what TCLP would be. Is this a correct assumption.

Are Halogens speciated in the totals analyses that will be running? Wouldn't we just need to add them up?

H2S exposure is what happens to some employees at CES. H2S may be an analyte that we need if it is not already in the analysis that we are running.

Thanks

Gary Moore

Federal On-Scene Coordinator

U.S. EPA Region 6

214-789-1627 cell

214-665-6609 office

moore.gary@epa.gov

From: Warr (Kettler), Kristie

Sent: Wednesday, August 6, 2014 3:48 PM

To: Moore, Gary

Cc: [c.shappee@westonsolutions.com](#); [Latham, Benjamin](#); [t.a.walzer@westonsolutions.com](#)

Subject: RE: Tank Cars

Gary,

The list below is what we were intending to analyze from the tank samples. Our list is much longer! The only analyses listed in Beth's email below that we had not included are halogen and H2S. I can add those.

This list is based on a previous waste profile for CES Port Arthur. Additionally, we checked with our T&D people and also ran this list by two hazardous waste disposal and recycling facilities. The consensus was that these analyses are needed if you want to treat or dispose of the material.

Chemical Analyses (Total and TCLP analyses on solid samples only; totals only for water)

Total TCL VOCs

TCLP RCRA VOCs

Total TCL SVOCs

TCLP RCRA SVOCs

Total TAL Metals

TCLP RCRA Metals

Total PCBs

Total TCL Pesticides

TCLP RCRA Pesticides

Total TCL Herbicides

TCLP RCRA Herbicides

Total TPH by TX 1005

Total Cyanide

Total Sulfide

Total Dioxin/Furans

Total Organic Carbon

Total Anions (bromide, chloride, fluoride, nitrate, nitrite, phosphate, sulfate)

Ammonia

Physical Properties

Viscosity

Melting Point

Boiling Point

Flash Point/Ignitability

pH

Specific Gravity

BTU

Water content

Corrosivity

Total Suspended Solids

From: Moore, Gary [mailto:Moore.Gary@epa.gov]

Sent: Wednesday, August 06, 2014 3:14 PM

To: Warr (Kettler), Kristie

Subject: FW: Tank Cars

See Below

Gary Moore

Federal On-Scene Coordinator

U.S. EPA Region 6

214-789-1627 cell

214-665-6609 office

moore.gary@epa.gov

From: Crawford, Beth <beth.crawford@CBIFederalServices.com>

Sent: Wednesday, August 6, 2014 2:16 PM

To: Moore, Gary

Subject: Tank Cars

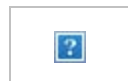
Gary,

Ok, I would definitely sample the oil/water as one wastestream and the sludge as another component if at all possible. I can tell you for US Oil we ran the following on the oil/water mixture:

pH, Flashpoint, PCB, Cyanide, Sulfide, BTEX, TAL metals, Halogen and H2S

The H2S issues ended up popping up later. The water had sat for so long it became stagnant essentially so you may want to test for that up front. Sorry it took so long been a little hectic today.

Thanks,



Beth Crawford
Scientist
Applied Science & Engineering
Federal Services
Direct: +1 419 429 5519
Fax: +1 419 425 6085
Beth.Crawford@CBIfederalservices.com
Please Note New Phone Number
CB&I
16380 U.S. Route 224 East Suite 100
Findlay, OH 45840
United States of America
www.CBI.com

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